

Flusher disinfectors

for hospitals and nursing houses



Steelco
devoted to hygiene



“For the Environmentally conscious”



Flusher disinfectors for hospitals and nursing houses

Steelco continues to increase its international reputation through its strategy of investment in product development. This range of **Flusher Disinfectors** offers to the customers a large choice of machines with consistently tested and efficient washing performance.

Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items. External and inner cabinet made of stainless steel AISI 304.

Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.

To eliminate the risk of accumulation of dirt and bacteria growth, the internal part of the chamber is manufactured with rounded corners and the interior side of the door with smooth edges.

Infection control

Thermal disinfection is the recommended and most efficient method for the disinfection of all reusable items such as bedpans, urine bottles suction bottles and buckets. Flusher disinfectors are a fundamental aid for the control of hospital infections and can significantly improve staff work conditions.

Standard compliant



Steelco Flusher Disinfectors are designed and constructed to comply with the latest European and UK guidelines on decontamination. EN ISO 15883-1/3, KIWA, CSA-US, EMC and SPRI.

Steelco Flusher Disinfectors are classified CE Medical Device (Community rule 93/42/CEE) with code nr. 0051.

> Flusher disinfector range



- > BP 100 M
- > BP 100 A



- > BP 100 H
- > BP 100 HS
- > BP 100 HA

Safety features

- Door chamber is locked during the whole cycle, door opening is possible only once disinfection is complete.
- The control panel reports faults visually and acoustically (such as in case of clogged discharge outlet). A disinfection check is displayed at the end of a valid cycle
- A lockable cabinet for storage of lime scale remover and detergent canisters on the basement of the machine.
- Soiled goods are loaded at an ergonomic working height.
- Steelco Flusher Disinfectors are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch which opens and closes the door automatically.
- A flexible holder as standard is included. Special racks and holders available.



"For the Environmentally conscious"

Constant improvements and innovations lead **Steelco** products to run economically and reach a higher level of environment compatibility.



- > BP 100 HE
- > BP 100 HSE
- > BP 100 HAE



- > BP 100 HLA
full glass sliding up door

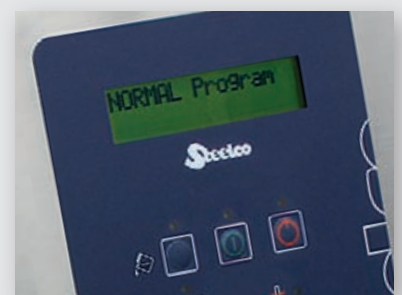


- > BP 100 HL2
double door pass through

Steelcotronic Control System

Steelcotronic Control System, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machine. Three washing and disinfection programs are factory set:

- **short** - for bedpans and urine bottles containing liquids only
 - **standard** - for bedpans or buckets containing solid residues
 - **intensive** - for suction bottles and whenever in blood presence
- three more programs are available to be set by the operator.





Bedpan washer disinfectors

The Steelco range of **compact flusher disinfectors** has guaranteed for many years unrivalled hygiene and cleaning standards, it handles and disinfects all reusable items such as bedpans, urine bottles and buckets. With Steelco, both the patients and the nursing staff are assured to be hygienically secure!

BP 100 HE

Manual door opening/manual closing

BP 100 HSE

Automatic door opening/manual closing

BP 100 HAE

Automatic door

Standard with easy to use LED display control panel.
LCD display optional.

BP 100 H

Manual door opening/manual closing

BP 100 HS

Automatic door opening/manual closing

BP 100 HA

Automatic door

Standard with LCD display and **hygienic safe cycle selection and start** through elbow contact.



Capacity up to*



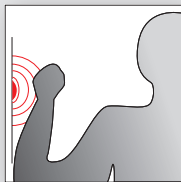
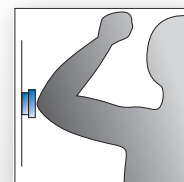
*urine bottle and bedpan capacity depends on size and shapes of the models that are used. Combinations of bottles and bedpans are possible, capacity may vary.



Capacity up to*



*urine bottle and bedpan capacity depends on size and shapes of the models that are used. Combinations of bottles and bedpans are possible, capacity may vary.



Operator safety features

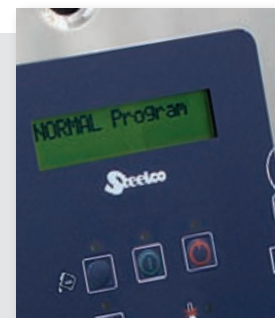
All Steelco bedpan washer disinfectors can be equipped with automations to guarantee the nursing staff to be hygienically secure.

Door opening and closing can be controlled by pedals or by an infrared sensor that totally avoids operator-machine physical contact.

Steelcotronic LCD control panel

The LCD display shows the selected washing cycle, current cycle phase, chamber temperature, remaining time and A0 reached value, cycle end and indication of the maximum temperature reached.

Every alarm status is indicated by number and description.



BP 100 HE - BP 100 H - General key features

- A multi-functional aid capable of holding all the receptacles commonly used in hospitals and nursing houses.
- Steelcronic control system, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machines.
- Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Lime-scale remover pump as standard, detergent pump is optional.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Soiled goods are loaded at an ergonomic working height.
- Steelco flusher disinfectors are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- The washer is equipped with a universal holder. Different racks and holders are available for special needs.

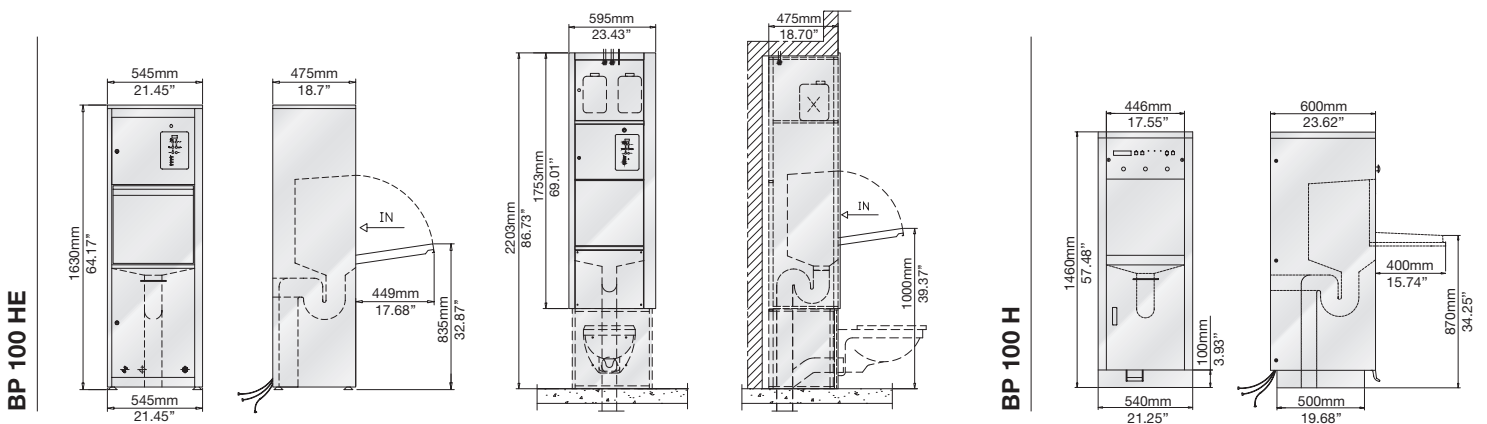
Optional

- Detergent dosing pump
- Door opening controlled by infra-red proximity switch
- LCD display control panel (BP 100 HE/HSE/HAE models only)
- Connection for external steam supply (BP 100 H/HS/HA models only)
- Wall installation version (BP 100 HE/HSE/HAE models only)

Dimensions and connections

	BP 100 HE	BP 100 H
Standard electrical connection (International)	400V/3~+N/50Hz	400V/3~+N/50Hz
Optional electrical connection (North America)*	208V/3~+N/60Hz or 220V/~/60Hz	208V/3~+N/60Hz or 220V/~/60Hz
Power	5050 W	5400 W
Pump power	730 W	900 W
Noise	51 dB(A)	51 dB(A)
Permitted room temperature	+5°C/41°F - +40°C/104°F	+5°C/41°F - +40°C/104°F

*other electrical connections also available as optional



BP 100 HE wall installation version

Complements

Steelco emptiers are available in manual or automatic version.

The automatic version works by a control on the BP front panel and provides automatic drain and water sink rinsing.

L50E emptier

can be equipped with a faucet with lever handle mm. 500x700x900h (19.68"x27.56"x35.43"h)

L50 emptier

ideal with wall mounted faucet mm. 500 x 600 x 900h (19.68"x23.62"x35.43"h)





BP 100 HLA high visibility full HST glass sliding-up door



This bed pan washer disinfecter, with full HST glass sliding up door, automatically reprocesses any kind of urine bottles, bed pans and suction bottles.

The characteristics of this bed pan washer **improve the working condition, optimize the cleaning results and reduce drastically the risk of contamination.**

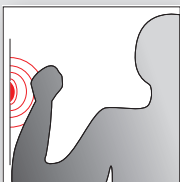
An infra-red proximity switch or a foot pedal facilitates the operator to open and close the sliding door automatically **avoiding any physical contact of the staff.**



The machine is **equipped with a rotating holder to ensure an easy and safe loading avoiding any risk of spillage.** The holder/support rotates automatically to empty items only after the door is completely closed and then the machine starts the washing cycle.



Operator safety features



All Steelco bedpan washer disinfecters can be equipped with automations to guarantee the nursing staff to be hygienically secure.

Door opening and closing can be controlled by pedals or by an infrared sensor that totally avoids operator-machine physical contact.

Steelcotronic control panel

The control panel display shows the selected washing cycle, current cycle phase, chamber temperature, remaining time and A0 reached value, cycle end and indication of the maximum temperature reached. Every alarm status is indicated by number and description.



BP 100 HLA - General key features

- Automatic motorized vertical sliding door made of HST (high shock tested) tempered glass with safety device.
- Soiled goods are loaded at an ergonomic working height.
- Steelco control panel is safe to use and simple to understand. Process phases can be monitored in real time both visually by the full glass door or through control panel display. Cycle phases are: emptying, washing and steam thermodisinfection.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Steelcotronic control system, with auto-diagnostic checking. A safe and easy to operate control panel, with 16 characters LCD display, constantly monitors and displays current cycle status and alarms. The control panel allows to optimise the washing process and to personalize programs on board of the machines.
- Automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- Lime-scale remover pump as standard, detergent pump is optional.
- Detergent and lime-scale agent tanks are placed under the chamber in a safe and locked position.

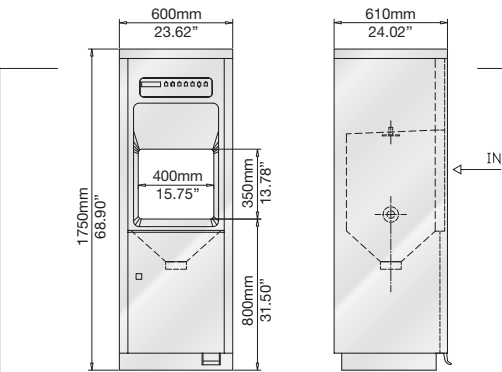
Optional

- Detergent dosing pump
- Door opening controlled by infra-red proximity switch
- USB port for cycle data downloading

Multifunction support

The multifunction holder/support allows combined simultaneous treatment of urine bottles, bed pans, suction bottles and buckets.

A wide range of supports is available following the containers which are most commonly used in the different countries.



Dimensions and connections

Standard electrical connection (International)	400V/3~+N/50Hz
Optional electrical connection (North America)*	208V/3~+N/60Hz or 220V/~60Hz
Power	6900 W
Pump power	900 W
Noise	51 dB(A)
Permitted room temperature	+5°C / +40°C

*other electrical connections also available as optional



BP 100 HL2 - Pass through bedpan washer disinfectors

Steelco **large capacity HL2 models** are **pass through bedpan washers** mainly dedicated to be used in infected areas to avoid cross contamination. They are made to hygienically handle and disinfect all reusable items such as bedpans, urine bottles, suction bottles and buckets. With Steelco, both the patients and the nursing staff are assured to be hygienically secure!

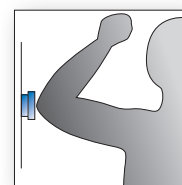


BP 100 HL2MM

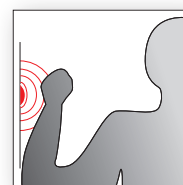
Manual doors

BP 100 HL2AM

Automatic loading door opening,
manual unloading door



**Hygienic safe
cycle selection
and start** through
elbow contact.

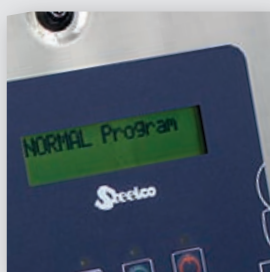


Optional **infra-red
proximity switch**
that opens the door
without physical
contact.

Capacity **up to***



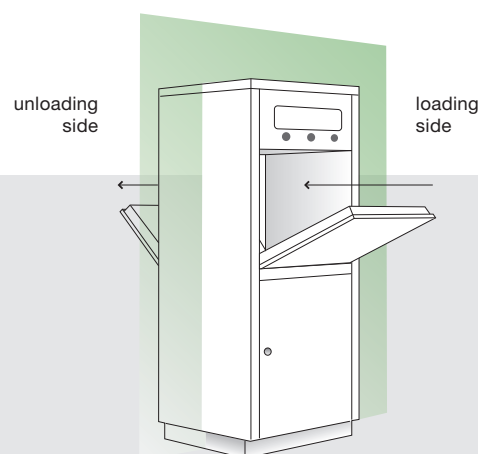
*urine bottle and bedpan capacity depends on
size and shapes of the models that are used.
Combinations of bottles and bedpans are
possible, capacity may vary.



Steelcotronic LCD control panel

Displays the selected washing cycle, current cycle phase,
chamber temperature, remaining time and A0 reached value,
cycle end and indication of the maximum temperature reached.

Every alarm status is indicated by number and description.



BP 100 HL2 - General key features

- Steelco control panel with LCD display is easy to use and simple to understand.
 - Steelcotronic control system, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machines.
 - Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Lime-scale remover pump is a standard equipment, detergent pump is optional.
 - Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
 - Soiled goods are loaded at an ergonomic working height.
 - Steelco Flusher Disinfectors are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- The washer is equipped with a universal holder. Different racks and holders are available for special needs.

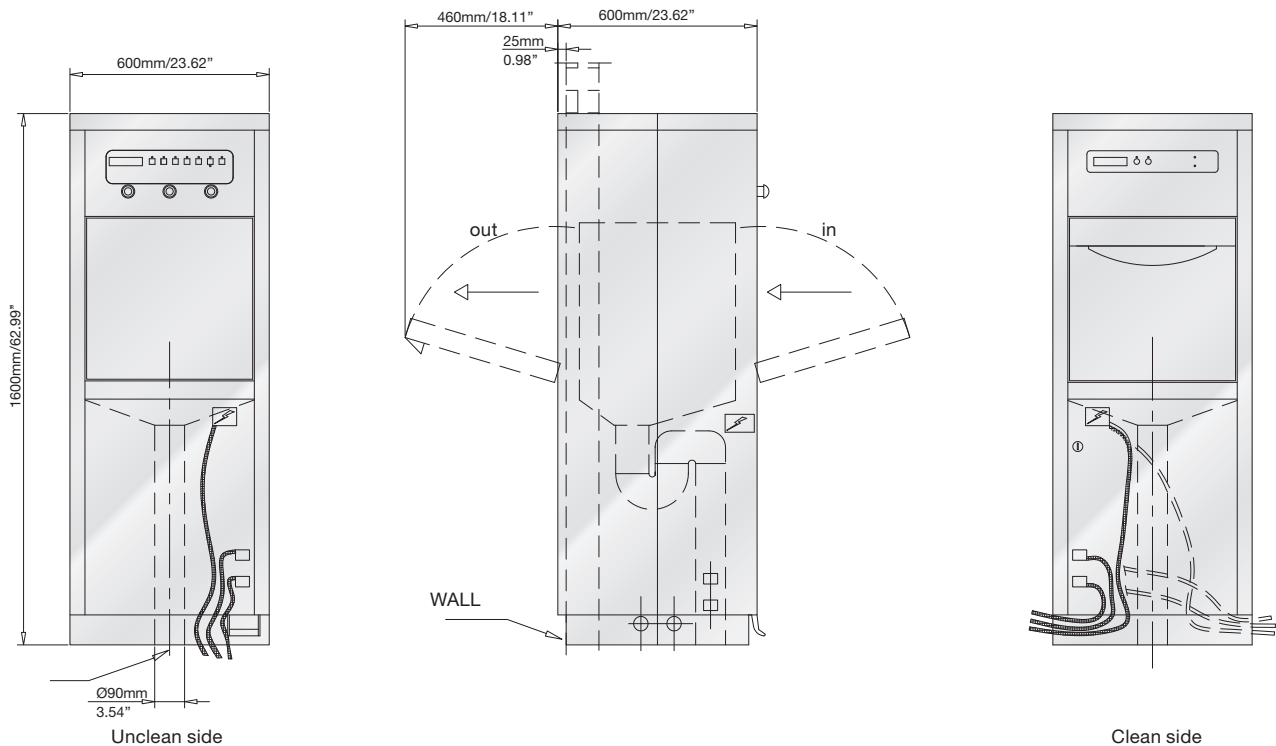
Optional

- Detergent dosing pump
- Door opening controlled by infra-red proximity switch
- Connection for external steam supply

Dimensions and connections

Standard electrical connection (International)	400V/3~+N/50Hz
Optional electrical connection (North America)*	208V/3~+N/60Hz or 220V/~ /60Hz
Power	6900 W
Pump power	900 W
Noise	51 dB(A)
Permitted room temperature	+5°C/41°F - +40°C/104°F

*other electrical connections also available as optional



1 Warm water connection	3/4" male	DN 20 mm
2 Cold water connection	3/4" male	DN 20 mm
3 Electrical connection		
4 Machine drain		Ø 90 mm/3.54"



BP 100 - Underbench bedpan washer disinfectors

Steelco under counter flusher disinfectant models are made to hygienically handle and disinfect all reusable items such as bedpans, urine bottles, suction bottles and buckets.

To eliminate the risk of accumulation of dirt and bacteria growth, the internal part of the chamber is manufactured with rounded corners and the interior side of the door with smooth edges.

BP 100 M

Manual door

BP 100 A

Automatic door



Optional **infra-red proximity switch** that opens the door without physical contact.

Capacity up to*



*urine bottle and bedpan capacity depends on size and shapes of the models that are used. Combinations of bottles and bedpans are possible, capacity may vary.



Example of the most commonly accepted bedpans and urine bottles.



BP 100 - General key features

- A multi-functional aid capable of holding all the receptacles commonly used in hospitals and nursing houses.
 - Steelco control panel is safe to use and simple to understand.
 - Steelcotronic control system, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machines.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
 - Lime-scale remover pump is a standard equipment, detergent pump is optional.
 - Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Steelco flusher disinfectors are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
 - The washer is equipped with a universal holder. Different racks and holders are available for special needs.

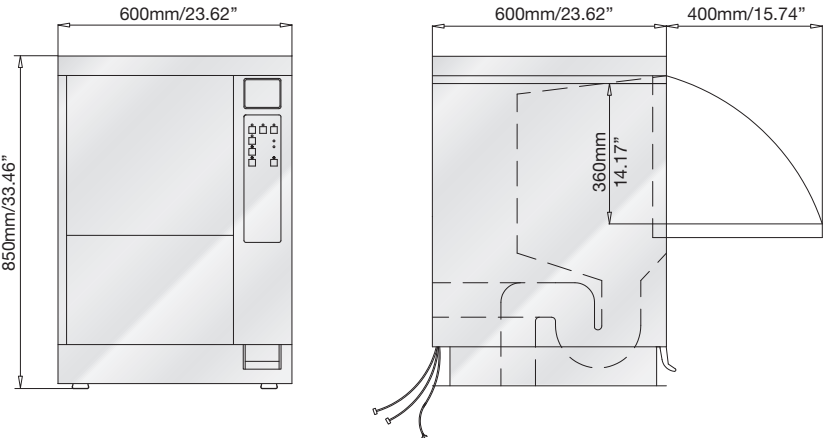
Optional

- Detergent dosing pump
- Door opening controlled by infra-red proximity switch

Dimensions and connections

Standard electrical connection (International)	400V/3~+N/50Hz
Optional electrical connection (North America)*	208V/3~+N/60Hz or 220V/~ /60Hz
Power	5400 W
Pump power	900 W
Noise	48.5 dB(A)
Permitted room temperature	+5°C/41°F - +40°C/104°F

*other electrical connections also available as optional



1	Warm water connection	¾" male
2	Cold water connection	¾" male
3	Electrical connection	
4	Machine drain	Ø 90 mm/3.54"

Complements

Steelco can provide a complete range of accessories as counters with/without sinks, emptiers and wall racks for bedpans and urine bottles.

Emptiers are available in manual or automatic version providing automatic drain and water sink rinsing.

Emptiers

L50E can be equipped with a faucet with lever handle
mm. 500 x 700 x 900h
19.68" x 27.56" x 35.43"h

L50 ideal with wall mounted faucet
mm. 500 x 600 x 900h
19.68" x 23.62" x 35.43"h

BP 100 underbench bedpan washers can be integrated into counters with hinged door side compartment for easy storage of chemicals and/or accessories.

Counter with lateral cabinet

L90 mm. 900x600x885h/35.43"x23.62"x34.84"h

Counter with lateral cabinet and sink

L90S mm. 900x600x885h/35.43"x23.62"x34.84"h
Sink mm. 230/9.06 wide.

L120S mm. 1200x600x885h/47.24"x23.62"x34.84"h
Sink mm. 500/19.68 wide.





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